SCHOOL OF NURSING
JOB OPPORTUNITY
RESEARCH ASSOCIATE 1 OR 2
HEALTHCARE ANALYTICS, TECHNOLOGY TRANSFER, RESEARCH AND EVALUATION

PLEASE FOLLOW THE SPECIFIC APPLICATION FILING INSTRUCTIONS AT THE BOTTOM OF THIS PAGE!

Open To: The Public

Location: University of Connecticut; position is currently in Farmington but will be relocated to Hartford

Job Posting No: **2016542**

Hours: 40 hrs/wk, Monday – Friday 8:00 a.m. – 5:00 p.m.

Salary: Commensurate with background and experience

Closing Date: May 15, 2016

Position Overview: The Healthcare Analytics, Technology Transfer, Research and Evaluation Group (http://chatter.uconn.edu/) within the School of Nursing at University of Connecticut (http://nursing.uconn.edu/) is seeking to hire **two Research Associates**. The successful candidates will analyze large amounts of data using longitudinal and cross-sectional data that is sourced from electronic health records, billing systems, and other related structured and unstructured social services data. The person in this position will work on analyzing and modeling "big data" to inform social and health policy. This position involves some grants writing but its main focus is on advanced data analysis. The Research Associate II will report directly to Dr. Tikoo. Our goal is to research, evaluate, design, develop, and apply computer technologies and scientific discovery methods with an eye to develop strategies that increase our translational abilities and support delivery of quality healthcare.

The employee will write and submit grant proposals, direct research projects, and write scientific papers and abstracts. The employee will oversee quantitative analyses and the management of quantitative data. The employee will supervise Research Assistants and Associates who are managing the projects. The employee will participate in all aspects of study design, data analysis, and dissemination.

These are full-time, grant-funded end-dated positions that are subject to annual renewal depending on available funding and job performance. The positions are currently based in Farmington, CT, but will be relocated to Hartford in 2016. The standard work schedule is Monday – Friday, 8:00 am – 5:00 pm. Salary will be commensurate on successful candidates' background and experience.

Knowledge, Skills and Abilities: MS/PhD degree in one of the following: statistics, biostatistics, public health, health economics, health services research, biomedical informatics, information science, data mining, math sciences, engineering, environmental science, finance, geo-spatial science, sociology, psychology, social policy, social justice, health care, or a closely related field. The Research Associate 2 requires a PhD. The Research Associate 1 requires either a PhD or a Master's. Must have strong skills in one of the following statistical packages: STATA, SAS, SPSS, or R skills. Ability to design and carry out research and evaluation experiments and projects. Strong written and oral communication skills as documented by presentation at conferences, written reports (technical funder reports and or two scientific publications in peer-reviewed journals). The applicant must have expertise in at least one of the following: 1) health insurance research using large electronic health record data or 2) skills in advanced longitudinal statistical methods

General Experience: The Research Associate 2 requires 5 or more years of post-degree experience. The Research Associate 1 requires 8-10 years of post-degree experience.

Special Experience: Must have some experience with SQL Server environment. Must have experience in working with primary- and secondary-data sources, as well as complex multilevel data

Special Requirement: A **cover letter** identifying how your skills will contribute to the goals of our department.

Preferred Skills and Abilities: Ability to write a detailed statistical analysis plan for the methodology section for grants being proposed (estimate sample size based on effect-size); write methods and results section for reports/journal articles being submitted. Lead data analysis by demonstrating competence at a minimum though not limited to the following: Analyze cross-sectional data using linear regression, binary logistic regression, and multinomial regression; Analyze longitudinal data using linear and non-linear methods (e.g., PROC MIXED, PROC NLMIXED, PROC GLIMMIX, GEE) and discrete- and continuous-time survival analysis; Person-centered analytic methods (e.g., latent class, latent profile, and latent transition analysis, growth mixture modeling, classification and regression tree analysis, cluster analysis). We expect the person in this position to have working knowledge of research protocol management, project management, conducting and writing literature reviews, and IRB application preparation.

Preferred Experience: Experience teaching undergraduate and graduate courses; PhD candidates with experience with claims and clinical data

Note: The filling of this position will be in accordance with reemployment, SEBAC, transfer, promotion and merit employment rules, if applicable.

Application Instructions: Please submit a cover letter identifying research and evaluation goals, a curriculum vitae, and contact information for three (3) professional references to www.jobs.uconn.edu, Staff Positions. In addition, please submit at least one sample

publication with clearly stated individual contributions. Evaluation of applications will begin immediately. Employment of the successful candidate is contingent upon the successful completion of a pre-employment criminal background check (Search # 2016542).

For more information regarding the School of Nursing, please visit the school's website at http://nursing.uconn.edu and to learn more about the CT HIT initiatives, please visit http://www.ct.gov/cthealthit

All employees are subject to adherence to the State Code of Ethics which may be found at http://www.ct.gov/ethics/site/default.asp.

The University of Connecticut is committed to building and supporting a multicultural and diverse community of students, faculty and staff. The diversity of students, faculty and staff continues to increase, as does the number of honors students, valedictorians and salutatorians who consistently make UConn their top choice. More than 100 research centers and institutes serve the University's teaching, research, diversity, and outreach missions, leading to UConn's ranking as one of the nation's top research universities. UConn's faculty and staff are the critical link to fostering and expanding our vibrant, multicultural and diverse University community. As an Affirmative Action/Equal Employment Opportunity employer, UConn encourages applications from women, veterans, people with disabilities and members of traditionally underrepresented populations.